Maker Spaces, Robotics and Small Drones Safety Checklist

Inspector Name: _____ Date: _____

Location/Space: _____

General Facility & Supervision

[ ] ***NOTE: If the maker space contains a woodshop, the Woodshop Checklist must be used in conjunction with this checklist.***
[ ] **Signage and training regarding safe work practices:** established.
[ ] **Materials and constructed projects: stored** safely.
[ ] **Tracks, enclosures, and boundaries:** do not impede egress.
[ ] **Hand and power tools:** good repair.
[ ] **A system is in place to account for all tools and properly secure them against theft.**

Personal Protective Equipment (PPE)

[ ] **Safety Data Sheets (SDS):** reviewed.
[ ] **OSHA-compliant eyewear**
[ ] **Face shields:** provided.
[ ] **Hearing protection:** available.
[ ] **Respirators :** cleaned and properly stored.
[ ] **Gloves:** used when handling finishes and solvents. Prohibited when working around machinery and chemicals that pose a snag/catch hazard.

Safe Work Practices & Robotics/Drones

[ ] **Jewelry:** removed before work.
[ ] **Hair:** tied back.
[ ] **Horseplay:** prohibited.
[ ] **Drones:** prohibited from being flown over people.
[ ] **Drone obstacles:** hung securely from beams.
[ ] **Fire sprinklers:** are never used to hang obstacles or materials.

Housekeeping

[ ] **Materials are not allowed to accumulate in work areas.**
[ ] **Exits:** clear, unobstructed.
[ ] **Oily rag bins:** emptied, not overloaded, and no regular trash.
[ ] **Oily absorbents and hazardous materials:** disposed of per EPA/DEQ requirements.

Emergency Equipment

[ ] First Aid Kit/Stop The Bleed Kit is available.
[ ] **Eyewash station/emergency shower:** clean, unobstructed, working properly and activated weekly.

Power & Electrical

[ ] **Stationary equipment:** plugged into a permanent power source.
[ ] **Equipment cords:** intact .
[ ] **Extension cords:** are grounded, good repair, and as temporary power .
[ ] **Extension cords:** not a tripping hazards and are not run through doorways, windows, or walls.
[ ] **Electrical outlets:** not overloaded.
[ ] **Power panel fronts:** secure, with all openings covered by labeled breakers or blanks.

Chemical Safety & Flammable Storage

[ ] **Flammable liquids:** > 25 gallons are stored in a rated flammable storage cabinet.
[ ] **Flammable storage cabinets:** not loaded past capacity.
[ ] **Flammable liquids:** never stored outside of properly rated cabinets.
[ ] **SDS:** complete and available.
[ ] **Chemical containers:** manufacturer's labels.
[ ] **Liquids:** stored in original containers with proper lids only.

Specialized Equipment

3D & Laser Printers:

[ ] **3D printers and laser printers:** plugged directly into a permanent power source, never left unattended while actively printing .

[ ] **Laser printers:** connected to a ventilation system.

Soldering:

[ ] **Soldering:** performed in an area with adequate ventilation.

[ ] **Soldering tools:** used safely where they do not create a hazard.

[ ] **Soldering tools:** unplugged.